

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D.C. 20554

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FEDERAL COMMUNICATIONS COMMISSION
OFFICE OF THE SECRETARY

In the Matter of)
)
Amendment of Section)
73.606(b), Table of)
Allotments, Television)
Broadcast Stations (Ishpeming,)
Michigan))

RM No. _____

PETITION FOR RULEMAKING

Thomas Scanlan petitions the Commission to initiate a rulemaking to amend the Table of Allotments for TV broadcast stations, section 73.606(b) of the Commission's Rules, to add Channel 10 at Ishpeming, Michigan. The attached engineering study shows that channel 10 can be used at Ishpeming in compliance with the separation requirements of the Commission's rules. Additionally, the engineering firm that prepared the study has confirmed that the proposed allotment is not within any HDTV freeze zone. If the Commission amends the Table of Allotments as proposed, Mr. Scanlan or a company controlled by him will promptly apply for a construction permit for and, upon the grant of that permit, will construct the facilities necessary to use the proposed allotment.

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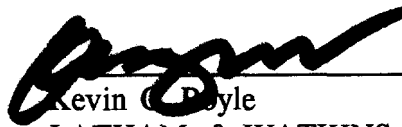
Accordingly, Mr. Scanlan respectfully requests that the TV Table of Allotments for Michigan be amended as follows:

<u>Location</u>	<u>Present</u>	<u>Proposed</u>
Ishpeming	--	10

Respectfully submitted,

THOMAS SCANLAN

By:


Kevin C. Boyle
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Dated: April 13, 1993

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**ENGINEERING REPORT
ALLOCATION REVIEW**

**For TV Channel 10
at Ishpeming, Michigan**

MARCH, 1993

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E. HAROLD MUNN, JR. & ASSOCIATES, INC.

**Broadcast Engineering Consultants
Coldwater, MI 49036**

CERTIFICATION OF CONSULTANT

The firm of E. Harold Munn, Jr. & Associates, Inc., Broadcast Engineering Consultants, with offices at 100 Airport Drive, Coldwater, Michigan, has been retained for the purpose of preparing the technical data submitted in this report.

The data utilized in this report was taken from the FCC Secondary Database and data on file. While this information is believed accurate, errors or omissions in the database and file data are possible. This firm may not be held liable for damages as a result of those data errors or omissions.

The report has been prepared by or under the direction of the undersigned, whose qualifications are a matter of record before the Federal Communications Commission.

I declare under penalty of perjury that the contents of this report are true and accurate to the best of my knowledge and belief.

E. Harold Munn, Jr. & Associates, Inc.

March 9, 1993

by Wayne S. Reese
Wayne S. Reese, President

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E. HAROLD MUNN, JR. & ASSOCIATES, INC.
Broadcast Engineering Consultants
Coldwater, MI 49036

DISCUSSION

This firm was retained to determine if VHF Television Channel 10 could be allocated in accordance with the Rules of the Federal Communications Commission, and in compliance with the treaty obligations of the United States, for the city of Ishpeming, Michigan.

Reference coordinates for the channel search were supplied as NL 46° 23' 30"; WL 88° 05' 00". This site is approximately 8.6 kilometers west-southwest of Republic, Michigan.

The tabulation of spacings for this channel is included in this report, and shows that Channel 10 can be added for use at Ishpeming in full conformance with the spacing rules of the Commission, and in conformance with the spacings to Canadian stations.

An "open area" exists where this channel may be allocated for use. The closest facility requiring study is WWUP-TV, Channel 10+, Sault Ste. Marie, Michigan. The required spacing is 304.9 km, and the actual spacing is 309.29 km, a clearance of 4.4 km. The other facility which must be cleared is WDIO-TV, Channel 10+, Duluth, Minnesota. The spacing to WDIO-TV is 312.58 km, a clearance of 7.7 km.

It is noted that the establishment of a full-service Channel 10 station at this location will displace two existing TV translators. They are W09AJ, at Republic Township, Michigan and W11AV, at Champion, Michigan.

The effective "open area" where a transmitter might be located is shown on the map exhibit included in this report.

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CH#	CALL CITY	ZONE	TYPE STATE	REQUIRED LICENSEE	CLEAR	BEARING <---	DISTANCE	LAT. LNG.	PWR(KW) MAX HAAT	INT. FILE #	PRO.
10+	WDIOTV DULUTH	2	CLI NV MN	304.9 WDIO-TV, INC.	7.7	278.1 98.1	312.58 km 194.23 Mi	46 47 13 92 7 17	316.00 308.0M	--- BLCT1544 HAMSL = 604 M	95.92
10+	WDIOTV DULUTH	2	CCP YV MN	304.9 WDIO-TV, INC.	7.7	278.1 98.1	312.58 km 194.23 Mi	46 47 13 92 7 17	316.00 301.0M	--- BPCT910617KF HAMSL = 610 M	95.35
10+	WMVS MILWAUKEE	1	ELI YV WI	272.7 MILWAUKEE BD OF VOC,TECH,&	93.7	177.8 357.8	366.43 km 227.69 Mi	43 5 48 87 54 19	309.00 308.0M	--- BLET810402KE HAMSL = 512 M	95.71
10+	WWUPTV SAULT STE. MARIE	2	CLI NV MI	304.9 WILSON COMMUNICATIONS, INC	4.4	96.8 276.8	309.29 km 192.18 Mi	46 3 49 84 6 8	316.00 370.0M	--- BLCT870331PP HAMSL = 562 M	101.34

03-09-1993

E.H. Munn Jr. & Assoc.

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CH# 10 (Secondary)

Effect on Translators Study

INTERFERENCE CHECKS WITH NEW ISHPEMING AT N. LAT. 46 23 30 W. LNG. 88 5 0

ZONE = 2

PWR = 50 K.W. H.A.A.T = 300 M

CH#	CALL	ZONE	TYPE	REQUIRED	CLEAR	BEARING	DISTANCE	LAT.	PWR(KW)	INT.	PRO.
CITY	STATE			LICENSEE		<---		LNG.	MAX HAAT	FILE #	
09Z	AP529	2	CAP NV	155.4	50.6	217.5	206.04 km	44 55 14	316.00	54.20	101.25
WAUSAU	WI			SHOCKLEY COMMUNICATIONS CO		37.5	128.03 Mi	89 41 31	369.0M	BPCT921103KE	
Ref F(50-10) 68 dBu= 54.2 km; AP529 F(50-50) 56 dBu= 101.25 km DA> @ HAMSL = 760 M											
09Z	WAOWTV	2	CLI V	155.4	50.6	217.5	206.04 km	44 55 14	316.00	54.20	101.25
WAUSAU	WI			TAK COMMUNICATIONS, INC.		37.5	128.03 Mi	89 41 31	369.0M	BLCT870108KH	
Ref F(50-10) 68 dBu= 54.2 km; WAOWTVF(50-50) 56 dBu= 101.25 km DA> @ HAMSL = 760 M											
09N	W09AJ		CLI D X	39.1	-31.8	82.9	7.26 km	46 23 59	0.08	31.19	7.87*
REPUBLIC	MI			REPUBLIC TOWNSHIP		262.9	4.51 Mi	87 59 23	118.0M	BLTTV4487	
Ref F(50-10) 80 dBu= 31.19 km; W09AJ F(50-50) 68 dBu= 7.87 km DA> ODDW09AJ TT @ 0 HAMSL = 565 M											
09N	W09BA		CLI D X	35.7	12.5	159.7	48.23 km	45 59 5	0.01	31.19	4.53
FELCH	MI			FELCH AREA TV CORPORATION		339.7	29.97 Mi	87 52 0	124.0M	BLTTV8001251B	
Ref F(50-10) 80 dBu= 31.19 km; W09BA F(50-50) 68 dBu= 4.53 km DA> ODDW09BA TAC @ 0 HAMSL = 437 M											
11N	W11AV		CLI D X	46.2	-30.5	34.3	15.66 km	46 30 29	0.01	41.86	4.33*
CHAMPION	MI			NEIGHBORHOOD TOWNSHIP TRAN		214.3	9.73 Mi	87 58 7	143.0M	BLTTV4624	
Ref F(50-10) 74 dBu= 41.86 km; W11AV F(50-50) 68 dBu= 4.33 km DA> ODDW11AV SCA @ 0 HAMSL = 610 M											
11+	WLUKTV	2	CLI NV	168.6	51.9	178.1	220.51 km	44 24 31	316.00	66.02	102.58
GREEN BAY	WI			BUNHAM B/ING COMPANY, A LT		358.1	137.02 Mi	87 59 29	384.0M	BLCT1148	
Ref F(50-10) 62 dBu= 66.02 km; WLUKTVF(50-50) 56 dBu= 102.58 km DA> @ HAMSL = 614 M											

